

2010

"A Century of Questioned Documents"



*American Society of Questioned
Document Examiners
68th Annual Meeting*

held jointly with

*Southwestern Association of
Forensic Document Examiners*

August 28-September 2, 2010

*Fairmont Empress Hotel
Victoria, B.C.*



Welcome to Victoria!



We are pleased to welcome you to the joint meeting of the **American Society of Questioned Document Examiners** and the **Southwestern Association of Forensic Document Examiners**.

Please approach the following people (easily identified by the red bar on their name tags) if you have any questions or concerns. If you are an invited guest, we hope you will consider the many financial and career benefits of becoming an ASQDE or SWAFDE member.

ASQDE Executive Board

President Farrell C. Shiver
Vice President Linton A. Mohammed
Secretary James A. Green
Treasurer Thomas P. Riley
Director Bonnie L. Beal
Director Charlotte W. Ware

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ASQDE Membership Information

Committee Chair Lamar Miller

“Welcome” Ambassador

F. L. "Jim" Lee, Chair

SWAFDE Executive Board

President William J. Flynn
Treasurer Barbara L. Torres
Janis S. Tweedy, Eastern Regional Representative
Karen Oroku, Northern Pacific Regional Representative

Meeting and Site Information

2010 Program Co-Chairs:

Samiah Ibrahim, ASQDE
Darla McCarley-Celentano, SWAFDE

2010 Site Chair: Tobin Tanaka

Exhibitor Coordinator: Marc Gaudreau

A/V Coordinators:
Lindsay Holmes & Andrew Barton

Special Thanks...

Please make a point to visit our Exhibitor Show from Sunday afternoon through Wednesday noon.

Foster + Freeman – Meeting Sponsor and Sponsor of the President's Reception, August 29 afternoon break and donor of \$1000 to Trainee Assistance Fund for 2010

ChemImage - Meeting Sponsor and Sponsor of the August 30 breakfast lecture & afternoon break

Regula Forensics - Meeting Supporter and Sponsor of the meeting DVD, program printing and folders

Pikaso Software - Exhibitor
Arctan Systems/BigC.com - Exhibitor
Attestor Forensics - Exhibitor
Zarbeco LLC - Exhibitor

Members and Guests may visit the ASQDE/SWAFDE Hospitality Suite (Library Lounge), open Sat/Sun/Tue from 8 pm to midnight, and Mon/Wed from 9 pm to midnight

Victoria 2010

2010 Joint ASQDE / SWAFDE Meeting Schedule

Saturday 28 Aug

Registration (Upper Lobby South) 3:30 pm - 5:30 pm
Welcome Reception (Tea Lobby)..... 6:00 pm - 8:00 pm

Sunday 29 Aug

Registration..... 7:00 am - 8:30 am
Breakfast (Palm Court)..... 7:00 am - 8:00 am
Spouse/Family Breakfast (Buckingham Room) 9:00 am - 10:30 am
Opening Remarks (Crystal Ballroom) 8:00 am - 8:30 am
Technical Session 1 - Poster Teasers 8:30 am - 9:00 am
Workshop: “*Signature Examination:*

Translating Basic Science to Practice” (Caligiuri/Mohammed) 9:00 am - 5:00 pm
Morning Tea (Palm Court) 9:45 am - 10:00 am
Lunch..... 12:00 pm - 1:15 pm
Exhibitor Show begins (Palm Court) 12:00 pm - 5:30 pm
Afternoon Tea (Palm Court) sponsored by Foster + Freeman 2:45 pm - 3:00 pm

Monday 30 Aug

Breakfast (Palm Court)..... 7:00 am - 8:15 am
Technical Session 2 / Posters All Day..... 8:15 am - 12:00 pm
Exhibitor Show (Palm Court) 9:00 am - 5:00 pm
Exhibitor Introductions (Crystal Ballroom) 8:30 am - 9:40 am
Morning Tea (Palm Court) 10:00 am - 10:20 am
Group Photo 11:45 pm - 12:00 pm
Lunch..... 12:00 pm - 1:15 pm
Technical Session 3 1:15 pm - 5:30 pm
Afternoon Tea (Palm Court) sponsored by ChemImage / Poster Viewing 2:30 pm - 3:30 pm
President’s Reception (Tea Lobby) sponsored by Foster + Freeman..... 6:00 pm - 9:00 pm

Tuesday 31 Aug

Breakfast (Palm Court)..... 7:00 am - 8:00 am
Exhibitors Show (Palm Court) 8:00 am - 4:00 pm
Workshop: “*Electronic Recording & Analysis of Handwritten Signatures & Writings* (Mettyear/Strach)” **(Technical Session 4)** 8:30 am - 12:00 pm
Morning Tea (Palm Court) 10:15 am - 10:45 am
ASQDE Members Lunch (Kipling’s Restaurant) & Meeting (Ballroom)... 12:00 pm - 5:00 pm
Lunch Break for Trainees; all other Guests free to explore Victoria..... 12:00 pm - 1:00 pm
Trainee Breakout Session (Library Lounge) 1:00 pm - 4:45 pm
SWAFDE Business Meeting (Kensington Room)..... 6:00 pm - 8:00 pm

Wednesday 1 Sep

Breakfast (Palm Court)..... 7:00 am - 8:00 am
Exhibitor Show (Palm Court) 8:00 am - 12:00 pm
Technical Session 5 8:00 am - 12:00 pm
Morning Tea (Palm Court) 9:30 am - 10:00 am
Lunch 12:00 pm - 1:15 pm
Workshop: “*Signature Workshop*” (Hicks, et al) **(Technical Session 6)** 1:15 pm - 5:00 pm
Afternoon Tea (Palm Court) 3:00 pm - 3:15 pm
Cocktails (Palm Court) 6:00 pm - 7:00 pm
Banquet (Crystal Ballroom) 7:00 pm - 10:00 pm

Thursday 2 Sep

Breakfast (Palm Court)..... 7:00 am - 8:00 am
Technical Session 7 8:00 am - 11:45 am
Morning Tea (Palm Court) 10:00 am - 10:20 am
Closing Remarks 11:45 am - 12:00 pm

The ASQDE/SWAFDE Hospitality Suite will be open each evening until midnight in the Library Lounge

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Saturday, August 28

3:30 - 5:30 PM.....Registration [Upper Lobby South]
6:00 - 8:00 PM..... Welcome Reception [Tea Lobby]
8:00 PM - Midnight.....ASQDE/SWAFDE Hospitality Room [Library Lounge]

Sunday, August 29

Moderator: Samiah Ibrahim

Posters Displayed All Day

7:00 - 8:30 AMRegistration [Upper Lobby South]
7:00 - 8:00 AM..... "Willow Stream Spa" Breakfast [Palm Court]
9:00 - 10:30 AM..... *Complimentary Spouse/Family Breakfast [Buckingham Room]*
8:00 - 8:30 AMOpening Remarks [Crystal Ballroom]
8:30 - 9:00 AM.....Poster Teasers

- Applications of Interferometry to Questioned Document Analyses
Andrew Barton
- Lissajous Figures, Ear Sleet, Signature Parameters and Their Perception
James Daniels
- Are You Serious? A Soap Bar?
Jean C. Dumont
- The Evidence of No Evident Item: A Dating Case Report
Magdalena Ezcurra Gondra
- Pilot Project for the Removal of Context Information in Forensic Handwriting Casework
Bryan Found and John Ganas
- Essentials of the Solvent Loss Ratio Method
Marc Gaudreau and Valery Aginsky
- Liquid Lead Pencils Revisited
Brenda Lanners
- Mismatches within a Homogenous Group of Writers
Brian Lindblom
- The Effect of Two Fusing Steps on Toner Printing
Michelle Novotny, Candice Moussa
- Venezuela Promissory Notes
Sandra Ramsey Lines

9:00 AM - Noon.....WORKSHOP: Signature Examination: Translating Basic Science to Practice (Part I)
Linton Mohammed and Michael Caligiuri

Sunday, August 29 (continued)

Moderator: Samiah Ibrahim

9:45 - 10:00 AM.....Tea Break [Palm Court]

12:00 - 1:15 PM.....Lunch on your own

1:15 - 5:00 PM..... **WORKSHOP:** Signature Examination: Translating Basic Science to Practice (Part II)

2:45 - 3:00 PM.....Tea Break [Palm Court] **Sponsored by Foster + Freeman**
Exhibitor Show Begins

8:00 PM - Midnight.....ASQDE/SW/AFDE Hospitality Room [Library Lounge]



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Questioned Documents Analysis

Magneto-Optical Control

Automatic ID Verification

Document Verification Equipment

The image is a promotional graphic for Regula Forensics, Inc. It features a dark background with various forensic analysis equipment and documents. On the left, there's a logo for Regula Forensics, Inc. with the website www.regula.us. The central part of the image has the text 'Questioned Documents Analysis' in a large, bold, white font. To the right, there are two more sections: 'Magneto-Optical Control' and 'Automatic ID Verification', both in bold white text. The bottom of the image features the text 'Document Verification Equipment' in a large, bold, white font. The background includes images of a magnifying glass over a document, a computer screen displaying a document, and a stack of US dollar bills.

Regula Forensics is the sponsor of this printed program and our meeting DVD

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See the HSI difference firsthand.
The HSI Examiner 100 QD will be available for demonstration at our booth.

Attend Our Breakfast Session
Aug. 30, 2010 at 7:00- 8:15 a.m., Palm Court
Spectral Data Processing: Enhancement of
Document Examinations with Hyperspectral
Imaging

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A Proud Sponsor of the 68th Annual General Meeting of the
American Society of Questioned Document Examiners (ASQDE)

Monday, August 30

Moderator: Darla McCarley-Celentano

Exhibitor Show and Posters Displayed All Day

7:00 - 8:15 AM "The Quebecois" Breakfast [Palm Court]

Sponsored by ChemImage

7:15 - 8:15 AM Spectral Data Processing: Enhancement of Document
Examinations with Hyperspectral Imaging [Crystal Ballroom]

Breakfast Lecture

Dr. Jeffrey Beckstead and Sara Nedley

8:30 - 9:40 AM Exhibitor Introductions [Crystal Ballroom]

- Sponsor: Foster + Freeman
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- Exhibitor: Attestor Forensics GmbH
- Exhibitor: Pikaso Software, Inc.
- Exhibitor: Zarbeco
- Sponsor: ChemImage

9:40 - 10:00 AM Two Case Studies on Problems of Document Alteration

John Paul Osborn

10:00 - 10:20 AM Tea Break [Palm Court]

10:20 - 10:35 AM A Historical Analysis of Forensic Document Examination in Canada

Timothy Campbell

10:35 - 10:50 AM The Effects of Constraining Signatures

Rosalind Spencer, Dainis Simons

10:50 - 11:10 AM The Autopen: A Forger's Dream and Examiner's Headache?

Lindsey Dyn

11:10 - 11:25 AM An Update of the Typestyle Classification Program (TYPE)
into a Windows Based Format (WinType)

Karen Nobles and Josephb Stephens

11:25 - 11:45 AM Significance of Size of Text and Examiner Assessment of Deterioration
of Quality in Multiple Generations of Toner Produced Documents

Carl McClary and Elaine Wooten

11:45 - Noon Group Photo

12:00 - 1:15 PM Lunch on your own

Monday, August 30 (continued)

Moderator: Marc Gaudreau

1:15 - 1:30 PM.....Thermaline Technology Incorporated for Liquid Soaked Documents
Laura Hammond

1:30 - 1:55 PM.....Grom Sil, the Ultimate Column for Dye Separation Ink Analysis
with HPLC-PDA-(ESI+/-)-MS
Jan de Koeijer and Xiaoma Xu

1:55 - 2:15 PM.....Product Counterfeiting and the Use of CAMAG TLC Scanner
Neil Holland

2:15 - 2:30 PM.....Geo-Forensic Analysis of Photocopy Toners
*Williams Mazzella and Nathalie Meyer (presented by **Dan Purdy**)*

2:30 - 3:30 PM.....Tea Break [Palm Court]
Sponsored by ChemImage
Exhibitor Show and Poster Viewing

3:30 - 5:30 PM.....Computational Forensics: Application and Challenges in the
Computer-based Forensic Analysis of Handwriting and Signatures
Katrin Franke

6:00 - 9:00 PM.....President's Reception [Tea Lobby]
Sponsored by Foster + Freeman

9:00 PM - Midnight.....ASQDE/SWAFDE Hospitality Room [Library Lounge]

Tuesday, August 31

Moderator: John Paul Osborn

Exhibitor Show & Posters Displayed All Day

7:00 - 8:00 AM "Willow Stream Spa" Breakfast [Palm Court]
7:15 - 8:00 AM Non-Destructive Ink Discrimination Capabilities of Modern Video
Breakfast Lecture Spectral Analysis (VSA) [Crystal Ballroom]
F. L. "Jim" Lee, Derek Hammond, Tom McCotter, Simon Clement
and David Edwards

8:10 - 8:30 AM Another Look at Stereographic Images [Crystal Ballroom]
Peter Tytell

8:30 AM - Noon WORKSHOP: Electronic Recording & Analysis of Handwritten
Signatures and Writings
Steven Strach, Nicholas Mettyear and Andrea Devlin

10:15 - 10:45 AM Tea Break [Palm Court]

Noon Guests free to explore Victoria; program concludes for afternoon

12:00 - 4:45 PM Trainee lunch break (12-1), followed by breakout session
Trainee Breakout Session: Solving Problems Through
Observation and Analysis [Library Lounge]
Dan C. Purdy, Grant Sperry, Robert Muehlberger

12:00 - 12:30 PM Catered Lunch for ASQDE Members Only [Kipling's Restaurant]

12:30 - 5:00 PM ASQDE Business Meeting [Crystal Ballroom]

6:00 - 8:00 PM SWAFDE Business Meeting [Kensington Room]

8:00 PM - Midnight ASQDE/SWAFDE Hospitality Room [Library Lounge]

**The following paper is included on the meeting DVD,
but was not presented at the meeting:**

An Overview of Radicals in Chinese Characters <i>Patrick Yan-Sang Cheng</i>
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Wednesday, September 1

Moderator: Michelle Novotny

Poster Display and Exhibitor Show end at noon

7:00 - 8:00 AM "Juan de Fuca" Breakfast [Palm Court]

8:15 - 8:30 AM NIJ: Human Errors in Questioned Documents Working Group
Gerald LaPorte

8:30 - 8:45 AM Does Practice or the Use of a Direct Model for Simulation Affect
Forensic Handwriting Examiners' Perceptions as to Whether Writings
are Simulated Rather than Disguised?
Carolynne Bird, Bryan Fount and Doug Rogers

8:45 - 9:05 AM Online Proficiency Testing for Signature Comparison by Forensic
Document Examiners and Non-Examiners
Lindsay Holmes, Brent Ostrum and Andrew Barton

9:05 - 9:25 AM Error Rates -- Limitations and Realities
Jane Lewis

9:25 - 9:40 AM A Proposal for Unification of Handwriting Description Terms
Raymond Orta

9:40 - 10:10 AM Tea Break [Palm Court]

10:10 - 10:30 AM The Ability of Forensic Document Examiners to Judge the Quality
of Signature Simulations in an Unfamiliar Writing System
Abdulaziz Al-Musa Alkahtani

10:30 - 10:50 AM Frequency of Selected Hand Printing Characteristics within a
National Population
Brett Bishop

10:50 - 12:00 PM Signature Complexity
Elisa van den Heuvel

12:00 - 1:15 PM Lunch on your own

1:15 - 5:15 PM WORKSHOP: Challenging Signatures Workshop
A. Frank Hicks and Kirsten Singer

3:00 - 3:15 PM Tea Break [Palm Court]

6:00 - 7:00 PM Cocktail Hour [Palm Court]

7:00 - 10:00 PM Banquet [Crystal Ballroom]

9:00 PM - Midnight ASQDE/SWAFDE Hospitality Room [Library Lounge]

Thursday, September 2

Moderator: Dennis Ryan

7:00 - 8:00 AM	"Willow Stream Spa" Breakfast [Palm Court]
8:00 - 8:15 AM	The Odd Side of Questioned Document Examination Robert G. "Bobby" Foley
8:15 - 8:30 AM	Icing on the Cake Gregory McNally
8:30 - 8:45 AM	Hand-Signed or Reproduced? A Comparison of Hand-Signed, Rubber-Stamped and Inkjet Printed Signatures Chiew Yung Yang, Lee Tiang Lee, Sock Kim Tan, Bei Sing Yap
8:45 - 9:05 AM	Toner and Ballpoint Pen Line Crossing Determination Using Mikrosil Casting Medium Julie Binette, Andrew Barton and Brent Ostrom
9:05 - 9:35 AM	Advances in Document Security Jim Ross
9:35 - 10:00 AM	AAFS Position Statement in Response to the NAS "Forensic Needs" Report and Other Developing Issues John Sang
10:00 - 10:20 AM	Tea Break [Palm Court]
10:25 - 10:55 AM	Development of the Forensic Document Design and Integrity Function at the U.S. Department of State, Bureau of Consular Affairs James Larner
10:55 - 11:15 AM	Capabilities of the U.S. Government Printing Office - Security and Intelligent Documents Stephen G. LeBlanc and James Larner
11:15 - 11:30 AM	ABFDE Update Kirsten Singer
11:30 - 11:45 AM	ASQDE 2011 AGM: Philadelphia Dennis Ryan, Site Chair and Lisa Hanson, Program Chair
11:45 - NOON	Closing Remarks Farrell Shiver, Tobin Tanaka, Samiah Ibrahim